

RESULT 3
US-09-463-048A-5
; Sequence 5, Application US/09463048A
; Patent No. 6630519
; GENERAL INFORMATION:
; APPLICANT: Commonwealth Scientific and Industrial Research Organisation
; ADDRESS: EAST, Peter David
; TITLE OF INVENTION: Toxin Genes from the Bacteria Xenorhabdus nematophilus and Photobacterium sp.
; FILE REFERENCE: 050179-0076
; CURRENT FILING NUMBER: US/09/463, 048A
; CURRENT FILING DATE: 2002-12-13
; PRIORITY NUMBER: PCT/AU98/00562
; PRIORITY FILING DATE: 1998-07-17
; PRIORITY APPLICATION NUMBER: PO 8088
; PRIORITY FILING DATE: 1997-07-17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 1205
; TYPE: DNA
; ORGANISM: Xenorhabdus nematophilus
; US-09-463-048A-5

Query Match 65.9%; Score 63.8; DB 4; Length 1205;
Best Local Similarity 79.4%; Pred. No. 2.7e-157;
Matches 835; Conservative 0; Mismatches 162; Indels 54; Gaps 2;

QY 672 TGGCGAAATAGTTTATTGGCTGACCAACAGAGCSCCTAA----- 714
Db 733 TGGCGAAACAGGCCTACTTGCCGCTCCAAACAGGCTTC 792
QY 715 ----- 793 TACGCAACACGCTTACAGCAGCTTCATCTAATGGCCAAACAGGCTTC 740
Db 793 TACGCAACACGCTTACAGCAGCTTCATCTAATGGCCAAACAGGCTTC 852
QY 741 AAATTAACAACTTGTGAGTGGATTCTCATCTAAATGGAAAGGGCTGCAAAACAGATGATG 800
Db 853 AGTATACCCTCGGAATACATTGAAATGGAGATGCTGCAAACAGATAG 912
QY 801 TTCTTTAAAGAGGTTAACAGGTAACSTCCACAGACAGGAGTTCAGAACTTGG 860
Db 913 TTCTTTAAAGAGGTTAACAGGTAACSTCCACAGACAGGAGTTCAGAACTTGG 972
QY 861 TACGCCATGGCTTACCTGGAAATTGGCATA--ATTATATGGCTGAGCT 917
Db 973 TACCAAAGGGCTGAACTTCBAAACTGCAAGGTAGATTATAGTAAAGCT 1032
QY 918 AAGCCAAGAGACGGGTACCTTACTCAAAAGTAACTGACAATACATGAGGTTCA 977
Db 1033 AACGCAAGACGGGTACCTTACTCAAAAGTAACTGACAATACATGAGGTTCA 1092
QY 978 TAGGTGAACTTAAATATATGAA 1008
Db 1093 AAGGTGAACTTACCAAAATATAAA 1123

RESULT 4
US-08-569-168-6

; Sequence 6, Application US/08569168
; Patent No. 597287

; GENERAL INFORMATION:
; APPLICANT: Smigalski, Adam J.
; ADDRESS: Lowe Price, Leblanc & Becker
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,168

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Price, Robert L.

REGISTRATION NUMBER: 22,685

REFERENCE/DOCKET NUMBER: 1451-015

TELEPHONE: 703-684-1111

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 1772 base pairs

TYPE: nucleic acid

STRANDBNESS: single

TOPOLogy: linear

MOLCULE TYPE: DNA (genomic)

Query Match 62.3%; Score 628.2; DB 2;
Best Local Similarity 79.1%; Pred. No. 2.5e-148;
Matches 833; Conservative 0; Mismatches 163; Indels 57; Gaps 5;
; US-08-569-168-6

Query Match 62.3%; Score 628.2; DB 2;
Best Local Similarity 79.1%; Pred. No. 2.5e-148;
Matches 833; Conservative 0; Mismatches 163; Indels 57; Gaps 5;
; US-08-569-168-6

Best Available Copy

QY 12 ATTACACCTGATGATGAGTGGATATCCACCGTGAAAGCAATAGCAGGAGAT 71
 Db 139 AGTAAACCTGATGATAAAGGTGAATCACCCGGTGAACAAAGCAATAGCAGGAGAT 198
 QY 72 AGTAGCTACTAACTTAAAGCAACAGATGGGGTCATACGCATATGAAATGTA 131
 Db 199 ATAGCTGTTACTAGATTGAGTCAGCANACAACTGAAAGTCATAAGGTTATGCC 258
 QY 132 ATATCGAGCTAGAAATATATAGCTTACGGCTTGCTGTTAGTGGTATCATAGT 191
 Db 259 ATATCGAGCTAGAAATATATAGCTTACGGCTTGCTGTTAGTGGTATCATAGT 318
 QY 192 ATCTAACCTCTGTGACTATATAGCTTACGGCTTGCTGTTAGTGGTATCATAGT 251
 Db 319 CTCTCACTTCCAGAGACTTATATAAAATAGATAACACAAGTGTAGATTAAGT 378
 QY 252 ATATAGCTCATATCTTCATGGCTACTATAGGTAAGAGACTCTGAGAGATTAAGA 311
 Db 379 ATACATGCTCATCTTATCTGACTATGGCTGAGATGTTGAGATTTCAAGA 438
 QY 312 TATGCCAATGTTTATAGAATGAACTGAGCTTACGGCTTACATCCTAACAT 371
 Db 439 TATGCCAATGTTTATAGAATGAACTGAGCTTACGGCTTACATCCTAACAT 497
 QY 431 TATTCAGCTATATTTCTCTGACAGAACTAACCAATTAGGCTGAAATTCCTAAGA 490
 Db 558 TATTCAGCTATATTTCTCTGACAGAACTAACCAATTAGGCTGAAATTCCTAAGA 617
 QY 491 ATGCCGCAAGATTTTAATTAATGTTGTTCTTATTCCTTCTGTGACTTCAC 550
 Db 618 ATGCCGCAATTTTAATGTTGTTCTTATTCCTTCTGTGACTTCAC 677
 QY 551 TGGGAGGAGGATTTTCAAAACTTTCATGGTGGCTTAATCATTAGA 610
 Db 678 TGGGAAAAAGGATTTTCAAAAATTTTCAAGTGTGAAACTAATCATTAGA 737
 QY 611 ATTATATTGAGGAGAAAAACCTTCACACCGAGAGATCTG 670
 Db 738 ATTATATTGAGGAGAAAAACCTTCACACCGAGAGATCTG 797
 QY 671 ATGCGCAAGATGGTTATTGCTGCAACAGAGGAGGCGCTCAA----- 714
 Db 798 ATGGCGAGACGGCTACTTCGGGTCACAAAGGCCAAATGGCTCAAAGCT 857
 QY 715 -----TGGAGGTGAGTT-TAAGACTT 738
 Db 858 CTACAGCAACACAGCTACAGCAGCCTCATCTTAATGGCTGTTGCAAAACCT 917
 QY 739 AAAATACACATCTGAAATGGATTCTATGGCTGCAACAAAGT 798
 Db 918 AGAGATACCCATCCAGAACATTTGAAATGGCTGCTGCAAAAGAAT 977
 QY 799 ATGTCATTAAAGGGTCAAAAGGGTACGGCTCAGCAGCAGGAAAGT 858
 Db 978 ATGTCATTAAAGGGTCAAAAGGGTACGGCTCAGCAGCAGGAAAGT 1037
 QY 859 CGTACANGCCGCTGGGCTAACCTGAAATGGCAATA-TTATTAAGTGGAG 915
 Db 1038 GGTACAAACAGCGCGTAACTTCGAAACCTGAGGTTATATAGATAAGA 1097
 QY 916 CTAGGCAAAAGACGGGTTACCTTACGAAATGATGACATACGAGGTT 975
 Db 1098 CTAGGCAAAACGGCGTAACTTCGAAACCTGAGGTTATATAGATAAGA 1157
 QY 976 CTAGGCTGGGACTCATATAAAATATGCA 1008
 Db 1158 CMACTGTTGAACTTACCAAAATATAA 1190

RESULT 5
 US-08-569-168-3
 Sequence 3, Application US/08569168
 Patent No. 5972687
 GENERAL INFORMATION:
 APPLICANT: Smigielski, Adam J.
 APPLICANT: Akhurst, Raymond J.
 TITLE OF INVENTION: TOXIN GENE FROM XENORHABDUS NEMATOPHILUS
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lowe, Price, Leblanc & Becker
 STREET: 99 Canal Center Plaza, Suite 300
 CITY: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22314
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/569,168
 FILING DATE:
 CLASSIFICATION: 424
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-684-1111
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 NAME: Price, Robert L.
 REGISTRATION NUMBER: 22,685
 REFERENCE/DOCKET NUMBER: 1451-015
 ATTORNEY/AGENT INFORMATION:
 NAME: Price, Robert L.
 LENGTH: 834 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-569-168-3

Query Match 51.7%; Score 521.4; DB 2; Length 834;
 Best Local Similarity 85.4%; Pred. No. 1.5e-121; Indels 2; Gaps 2;
 Matches 604; Conservative 0; Mismatches 101;

QY	12 ATTACACCTGATGATGAGCTTACGGCTTGAAAGCAATAGCAGGAGAT 71	Db	57 AGTAGCTACTAACTTAAAGCAACAGATGGGTTATACGACATATGGCTGAAAGGAGAT 116
QY	72 ATGAGCTGTTACTAGAACTTAAAGCAACAGATGGGTTATACGACATATGGCTGAAAGGAGAT 131	Db	117 ATACATGCTACTAGAACTTAAAGCAACAGATGGGTTATACGACATATGGCTGAAAGGAGAT 176
QY	132 ATATGGCTTAAAGCAATATAGCTTACGGCTTGCTGAAATGAAATG 191	Db	177 ATACATGCTACTAGAACTTAAAGCAACAGATGGGTTATACGACATATGGCTGAAAGGAGAT 236
QY	192 ATCTAACCTCTGTGACTATATAGCTTACGGCTTGCTGAAAGT 251	Db	237 CTCTCACTCCAGAGCTTATAGATAACAGGTTACAGTAACTTACGAGGTT 296
QY	252 ATATGGCTTAACTTCTGCTGAAATGGCTGAAATTCCTAAAGA 311	Db	297 ATACATGCTACTTTATCTGCTGAACTTACGGCTGAAATTCCTAAAGA 356
QY	312 TATGCCAATGTTTATAGATGATGCTGATGTTAGGCTTACATTCCTAAACAT 371	Db	357 TATGCCAATGTTTACCGAGACACTGGAGTTTACGGCTGAAATTCCTAAACAT 415
QY	372 TTGGAGTCTGAGCTGAAATTAACCAATT-GAGGCTTATCAGCTGAAAT 430	Db	416 CTGGGAAATTCCTGCTGAGATAACTTACGGCTGAAATTACGATGAAAT 475

RESULT 6
 US-08-569-168-1
 Sequence 1, Application US/08569168
 ; GENERAL INFORMATION:
 ; PATENT NO. 597687
 ; APPLICANT: Smigielski, Adam J.
 ; ATTORNEY/AGENT INFORMATION:
 ; TITLE OF INVENTION: TOXIN GENE FROM XENORHABDUS NEMATOPHILUS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEER: Lowe, Price, Leblanc & Becker
 ; STREET: 99 Canal Center Plaza, Suite 300
 ; CITY: Alexandria
 ; STATE: VA
 ; COUNTRY: USA
 ; ZIP: 22314
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/569,168
 ; FILING DATE: 2001-04-03
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Price, Robert L.
 ; REFERENCE/DOCKET NUMBER: 22, 685
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 703-684-1111
 ; INFORMATION FOR SBO ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 837 base pairs
 ; TYPE: nucleic acid
 ; STRANDBNESS: single
 ; TOPOLOGY: linear
 ; MOLECULAR TYPE: DNA (genomic)
 ; US-08-569-168-1
 Query Match 51.7%; Score 521.4; DB 2; Length 837;
 Best Local Similarity 85.4%; Pred. No. 1.6e-121; Indels 2; Gaps 2;
 Matches 604; Conservative 0; Mismatches 101; Del 2; Gap 2;
 Qy 431 TATTAAGCACTATAATTTCCTGACGGAAATTCCACTGGGAAATCACACCAA 490
 Db 476 TATTAAGCACTATAATTTCCTGACGGAAATTCCACTGGGAAATCACACCAA 535
 Qy 491 ATGCCGCAGATTTTAATTATTGATTCTTACTTATCCTGCTGACTTCAC 550
 Db 536 ATGCCGCAGATTTTAATTATTGATTCTTACTTATCCTGCTGACTTCAC 595
 Qy 551 TGGAGGAGGATTTCAAAACTTACATGGATTAGGGCTAAATCTTAGAGA 610
 Db 596 TGGAAAGAAGGATTTCAAAACTTACATGGATTAGGGCTAAATCTTAGAGA 655
 Qy 611 ATTATATGAGAAGAAACTTCAACCTTCGACACCCAGAGATTCTG 670
 Db 656 ATTATATGAGAAGAAACTTCAACCTTCGACACCCAGAGATTCTG 715
 Qy 671 ATGGCAGAGATAGGTATTGCTGACCAACAGACAGCCATAATGG 717
 Db 716 ATGGCAGAGACGGCTACTTGCGCGTCACACAAGGGCTTATGG 762
 RESULT 7
 US-09-806-708B-22/C
 Sequence 22, Application US/09806708B
 ; GENERAL INFORMATION:
 ; PATENT NO. 6784342
 ; APPLICANT: The University of British Columbia
 ; TITLE OF INVENTION: Regulation of Embryonic Transcription in Plants
 ; FILE REFERENCE: 4810-8741
 ; CURRENT APPLICATION NUMBER: US/09/806,708B
 ; CURRENT FILING DATE: 2001-04-03
 ; PRIORITY NUMBER: US 60/147,133
 ; PRIORITY FILING DATE: 1999-08-04
 ; NUMBER OF SEQ ID NOS: 23
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO: 22
 ; LENGTH: 1141
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURES:
 ; NAME/KEY: promoter
 ; LOCATION: (1..1141)
 ; OTHER INFORMATION: consensus sequence of A.t., L.a., and B.n. FAE1 promoters
 ; US-09-806-708B-22
 Query Match 6.2%; Score 62.6; DB 4; Length 1141;
 Best Local Similarity 11.1%; Pred. No. 4.4e-06; Indels 6; Gaps 1;
 Matches 81; Conservative 280; Mismatches 360; Del 6; Gap 1;
 Qy 12 ATTTACACTGATAGAGTGGATTCACCGCTGAAAGCAATAGCAGGAT 71
 Db 57 AGTACGCGCTGAGTAAAGGGAATACCAACCGTGAAGCAATAGCGGAGAT 116
 Qy 72 AGTACGTTACTAACTTAACTTAAAGCAACGATGAGGTGATACGACATCATGATGA 131
 Db 117 ATTTACGCTACTAGAATCAGCAACAAATGAAAGTCAACGGATGTTGATGATTC 176
 Qy 132 ATPTCGAGCTAGAAATAATATGTTACGCTTGGCTTAAGCTATCATATGT 191
 Db 177 ATATCGAGCTAGAAAGTAATAGGATATGCTTCCTTGCGGTTAAGTGTTATCATATGT 236
 Qy 192 ATCTAACTTCGATGACTATATGAAATAAGGAGACTCTGAGGAATTTCAGA 251
 Db 237 CTCTCAACTCCGAGAAGCTATATAAAATAAGGATACAGGGTGAATTTCAGT 296
 Qy 252 ATATATGCTAACTTCGATGACTATATGAAATAAGGAGACTCTGAGGAATTTCAGA 311
 Db 297 ATACATGCTAACTTCGATGACTATGGTGAAGATGATCAATTCTAAGA 356
 Qy 312 TATGGCAATGCTTATAGATGACTGAGTTGAGGCTAAATCCAAACAT 371
 Db 357 TATGGCAATGCTTACGAGTTCACGAGACTGGTGAATGATCAATTCTAAGA 415
 Qy 372 TTGGAATGTTCTGAGCTGAAATAACCATT-GATGCTTATCGATGAGATAAT 430
 Db 416 CGGGATATTCCGTGATCTGGATAAACACTATGGAGATTATGGATGAGATAAT 475
 Qy 431 TATTAAGCACTATAATTTCCTGACGGAAATTCCACTGGGAAATCACACCAA 490
 Db 476 ATTAGCACTATAATTTCCTGACGGAAATTCCACTGGGAAATCACACCAA 535
 Qy 491 ATGCCGCAGATTTTCAAAACTTACATGGATTAGGGCTAAATCTTAGAGA 550
 Db 536 ATGCCGCAGATTTTCAAAACTTACATGGATTAGGGCTAAATCTTAGAGA 595
 Qy 551 TGGAGGAGGATTTCAAAACTTACATGGATTAGGGCTAAATCTTAGAGA 610
 Db 596 TGGAAAGAAGGATTTCAAAACTTACATGGATTAGGGCTAAATCTTAGAGA 655
 Qy 611 ATTATATGAGAAGAAACTTCAACCTTCGACACCCAGAGATTCTG 670
 Db 656 ATTATATGAGAAGAAACTTCAACCTTCGACACCCAGAGATTCTG 715
 Qy 671 ATGGCAGAGATAGGTATTGCTGACCAACAGACAGCCATAATGG 717
 Db 716 ATGGCAGAGACGGCTACTTGCGCGTCACACAAGGGCTTATGG 762